

FIGURE 1-À

SNP Reference	Chromosome	Chromosome Position	Contig Identification ^[1]	Contig Position	Sequence Identification ^[2]	Sequence Position	Synonymy	Locus	Locus ID	Allelic Variability	Breast Cancer Associated Allele
911229	1	156897154	NT_004668	6571681	NM_000702	downstream		ATP1A2	477, 480	G/C	G
1020445	2	46330984	NT_022184	25189207	NM_005400	intragenic		PRKCE	5581	C/T	C
161446	3	7817039	NT_005927	7754039					C/T	T	
AA											
1868220	3	60753893	NT_005999	9836847						A/G	A
866767	3	142658941	NT_005612	47776866				LOC253462		G/A	G
872478	4	16192532	NT_006316	7179542	NM_001290	intragenic		LDB2	9079	C/G	C
313578	4	24910810	NT_006316	15897820						C/G	C
1548315	4	170425968	NT_022792	2253039	NM_016081	intragenic		KIAA0992	23022	T/G	T
32939	5	14111546	NT_029289	2295525				LOC253833		A/G	A
676015	6	2054647	NT_034880	2004647	NM_001500	intragenic		GMDS	2762	C/T	C
325447	7	127007287	NT_007933	52643276	NM_014390	intragenic		p100	27044	A/C	C
1044011	8	12716901	NT_015280	752723	NM_006094	downstream		DLC1	10395	T/G	T
12981	9	119060672	NT_008470	27429637	XM_071148	downstream		LOC138879	138879	C/T	T
803715	9	119296126	NT_008470	27685091	NM_012197	intragenic		GAPCENA	23637	A/G	G
876129	10	53528644	NT_008583	2187391	NM_006258	intragenic		PRKG1	5592	C/G	G
1627521	12	54625422	NT_029419	17051981	NM_005337	intragenic		HEM1	3071	T/C	T
1323140	13	42995854	NT_024524	12633709	NM_017993	intragenic		FLJ10094	55068	A/G	G
1112370	13	94083077	NT_009952	8336115	NM_014305	intragenic		TDPGD	23483	C/T	C
12465	14	58564580	NT_026437	40494580				LOC196906		A/G	G
1054745	14	99900494	NT_026437	81630494	XM_096734	upstream		LOC145197	145197	G/A	A
841229	16	4731448	NT_010552	2072589	XM_048119	intragenic		KIAA0544 (MGRN1)	23295	C/T	T
1344533	16	11700749	NT_010393	3046529				LOC256998		A/G	G
769425	17	3070207	NT_010718	1966288	NM_014565	intragenic		OR1A1	8383	T/G	T

FIGURE 1-B

SNP Reference	Chromosome	Chromosome Position	Contig Identification ^[1]	Contig Position	Sequence Identification ^[2]	Sequence Position	Synonymy	Locus	Locus ID	Allelic Variability	Breast Cancer Associated Allele
8196	17	49113038	NT_010783	4064158	NM_0200038	downstream		ABCC3	8714		
492170		2642365	NT_010859	2642365		downstream		LOC284081	284081	C/T	T
476476	18	2728163	NT_010859	2728163	XM_113962	upstream		MGC15396	91369		
AB	19	SEE FIG 2						KIAA0650	23347	C/T	C
760427	21	44572633	NT_011515	1028729				KIR2DL1, LOC115653 & KIR2DL2		A/G	G
896169	7	131252108	NT_007933	56888097	XM_039393	intragenic		PFKL & AIRE		A/G	G
536161	8	93181820	NT_008046	6731200				KIAA1550	57671	C/A	C
487106	11	64797043	NT_033903	9647425	NM_004579	downstream		MAP4K2	5871		
220479	17	3607984	NT_010718	2504065	NM_002208	downstream		SF1	7536	A/G	A
892005	5	151163779	NT_029289	12343558	NM_005754	intragenic	I465V	ITGAE	3682	G/A	G
3088091	15	51386678	NT_010194	24597151				G3BP	10146	G/A	G
										A/G	A

[1] Contig Accession Number which can be found in the NCBI Database:
http address: www.ncbi.nlm.nih.gov/entrez/query.fcgi

[2] Sequence Identification or Nucleotide Accession Number which can be found in the NCBI Database:
http address: www.ncbi.nlm.nih.gov/entrez/query.fcgi

FIGURE 2

AA: GP03_062747276

CCAGGTTAACATAATTAAACAGTAAGATAATTCTATGAGTTAAATTATGTTTGTTATTTTCTTTCAGCAAGGC
TACACYAACACCTCCTGGGACTGGAAACAAATCAGGATCTTAAGATTCATAAATCTTAAGATTTAAATCAAAGACTCTAGGATTC
TTTTCACCTGC

AB: GP19_068011047

GGTTAACCTCTCCCTATTGGCTTCTGTGAGCTGGATCATATGGAAAATGTGAAAGCCTCTGAACCCACCAGCACAGGTCCCTGGAAAT
AGAGAACRTGCTCTGGCATAAAACCTGCCATCAACCCAAATCCCCAATTCATCTACTCCAATCACCTATGGAGATAACAGATA
GATCATGGGAGGTA

AC: FCH-0994

CACGGTCTCCGGGTCTCCGGTTTCGGCACCCTGCTGCGCTAGCTGTGGCTG
GCAGTGG